

### NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 0-26-97 are:

A. \_\_\_\_\_ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.  
 B. \_\_\_\_\_ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color.  ____ Color drawing are not acceptable until petition is granted. Fig(s) _____ ____ Pencil and non black ink is not permitted. Fig(s) _____	7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)  ____ Hatching not indicated for sectional portions of an object. Fig(s) _____ ____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84(b)  ____ Photographs are not acceptable until petition is granted. ____ 3 full-tone sets are required. Fig(s) _____  ____ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____  ____ Poor quality (half-tone). Fig(s) <u>0</u>	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  ____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s) _____  ____ Views not on the same plane on drawing sheet. Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(c)  ____ Paper not flexible, strong, white and durable.  ____ Fig(s) _____  ____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable (too thin)  ____ Mylar, vellum paper is not acceptable (too thin). Fig(s) _____	9. SCALE. 37 CFR 1.84(k)  ____ Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:  ____ 21.0 cm by 29.7 cm (DIN size A4) ____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  ____ All drawings sheets not the same size. Sheet(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)  ____ Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality). Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:  ____ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size ____ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11  ____ Margins not acceptable. Fig(s) _____ ____ Top (T) _____ Left (L) _____ ____ Right (R) _____ Bottom (B) _____	11. SHADING. 37 CFR 1.84(m)  ____ Solid black areas pale. Fig(s) _____ ____ Solid black shading not permitted. Fig(s) _____ ____ Shade lines, pale, rough and blurred. Fig(s) _____
6. VIEWS. CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes.  ____ Views connected by projection lines or lead lines. Fig(s) _____  Partial views. 37 CFR 1.84(h)(2)  ____ Brackets needed to show figure as one entity. Fig(s) _____  ____ Views not labeled separately or properly. Fig(s) _____  ____ Enlarged view not labeled separately or properly. Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.48(p)  ____ Numbers and reference characters not plain and legible. Fig(s) _____ ____ Figure legends are poor. Fig(s) _____  ____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) _____ ____ English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) _____  ____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____
	13. LEAD LINES. 37 CFR 1.84(q)  ____ Lead lines cross each other. Fig(s) _____ ____ Lead lines missing. Fig(s) _____
	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)  ____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____
	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)  ____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
	16. CORRECTIONS. 37 CFR 1.84(w)  ____ Corrections not made from PTO-948 dated _____
	17. DESIGN DRAWINGS. 37 CFR 1.152  ____ Surface shading shown not appropriate. Fig(s) _____ ____ Solid black shading not used for color contrast. Fig(s) _____

#### COMMENTS

REVIEWER J-CHASE DATE 4-18-01 TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. \_\_\_\_\_

PTO-948